

Grant Number	Title of Research	Principal Investigator	Research Collaborator of RIEC
H30/A01	Advanced Devices Researches by Using Spatio-Temporal X-ray spectroscopy	<b>FUKIDOME Hirokazu</b> Research Institute of Electrical Communication, Tohoku University	<b>FUKIDOME Hirokazu</b>
H30/A02	Creation of Bio-Medical Devices Using Gas-Liquid Interfacial Plasmas	<b>KANEKO Toshiro</b> Graduate School of Engineering, Tohoku University	<b>HIRANO Ayumi</b>
H30/A03	Quantum devices based on atomic layers	<b>MASUBUCHI Satoru</b> Institute of Industrial Science, University of Tokyo	<b>OTSUKA Tomohiro</b>
H30/A04	Japan-Russia International collaborative research on gated GaAs structures with an array of self-assembled Sn-nanowires and their terahertz applications	<b>DMITRY Ponomarev</b> Institute of ultra high frequency semiconductor electronics of Russian academy of sciences, Laboratory of high-power microwave and mm-wave applications	<b>OTSUJI Taiichi</b>
H30/A05	Development of vibrational spectroscopy having high temporal and spatial resolution and its application to devices	<b>UEHARA Yoichi</b> Research Institute of Electrical Communication, Tohoku University	<b>UEHARA Yoichi</b>
H30/A06	Development of general control techniques of quantum systems	<b>FUKUHARA Takeshi</b> Center for Emergent Matter Science, RIKEN	<b>OTSUKA Tomohiro</b>
H30/A07	Control of spin state in semiconductor using photon-spin conversion	<b>ISHIHARA Jun</b> Department of Applied Physics, Faculty of Science, Tokyo University of Science	<b>KANAI Shun</b>
H30/A08	Nanoscale optical measurement and ultimate photoelectronic control of carbon nanomaterials	<b>KATANO Satoshi</b> Research Institute of Electrical Communication, Tohoku University	<b>KATANO Satoshi</b>
H30/A09	Informatics approaches in quantum devices	<b>SHIGA Motoki</b> Faculty of Engineering, Gifu University	<b>OTSUKA Tomohiro</b>
H30/A10	Development of Low-Energy Plasma Process for High-Performance Group-IV Semiconductor Quantum Nanodevices	<b>SAKURABA Masao</b> Research Institute of Electrical Communication, Tohoku University	<b>SAKURABA Masao</b>